

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. RD-28,490	Serial No. Unassigned 10/074,544
	Applicant(s): Potyrailo, Radislav et al	
	Filing Date Herewith	Group Unassigned 1631

U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AM	5,106,938	04/21/1992	Bookbinder et al.	528	176	06/08/1989
	5,015,843	05/14/1991	Seitz et al.	250	227.21	02/15/1990
	5,451,632	09/19/1995	Okumura et al.	524	537	10/04/1993
	5,488,086	01/30/1996	Umeda et al.	525	92	12/25/1991
	5,519,096	05/21/1996	Hara	525	478	06/30/1994
	5,571,401	11/05/1996	Lewis et al.	205	787	03/27/1995
	5,644,017	07/01/1997	Drumright et al.	528	196	08/25/1995

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner * Initial	Document Number	Date	Country	Cl ass	Subclass	Translation	
						Yes	No
	1775647	06/12/1990	Sw.		*No copy*		
AM	WO 0036410	06/22/2000	International Pat. App.				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)
AM	Persaud, K. C.; Travers, P. J., Arrays of broad specificity films for sensing volatile chemicals, In <i>Handbook of Biosensors and Electronic Noses. Medicine, Food, and the Environment</i> , E. Kress-Rogers, Ed.; CRC Press: Boca Raton, FL, 1997; pp 563-592
	Freud, M. S.; Lewis, N. S., A chemically diverse conducting polymer-based "electronic nose", <i>Proc. Natl. Acad. Sci. USA</i> 1995 , <i>92</i> , 2652-2656.
	Woolfson, A. D., Moisture-activated, electrically conducting bioadhesive interfaces for biomedical sensor applications, <i>Analyst</i> 1996 , <i>121</i> , 711-714.
	Vaid, T. P.; Burl, M. C.; Lewis, N. S., Comparison of the performance of different discriminant algorithms in analyte discrimination tasks using an array of carbon black-polymer composite vapor detectors, <i>Anal. Chem.</i> 2001 , <i>73</i> , 321-331.
EXAMINER	DATE CONSIDERED
Adrian Monahan	9-26-04
*Examiner: Initial if referenced considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if	

Form PTO-1449

U.S. Department of Commerce
Patent & Trademark OfficeAtty. Docket No.
RD-28,490Serial No.
~~Unassigned~~

10/074,544

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)Applicant(s):
Potyrailo, Radislov et alFiling Date
HerewithGroup
~~Unassigned~~

1631

U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,674,943	10/07/1997	Farah et al.	525	146	02/14/1995
AM	5,717,056	02/10/1998	Varadarajan et al.	528	196	12/17/1996
	5,919,886	07/06/1999	Matsuda et al.	528	42	09/19/1997
	5,969,066	10/19/1999	Enokida et al.	526	247	08/18/1997
	5,973,068	10/26/1999	Yamaya et al.	524	865	11/06/1997
	5,973,126	10/26/1999	Ueno et al.	534	656	10/09/1997
	5,981,008	11/09/1999	Hofmann	428	35.7	10/08/1998

FOREIGN PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)
AM	Matsuguchi, M.; Umeda, S.; Sadaoka, Y.; Sakai, Y., Characterization of polymers for a capacitive-type humidity sensor based on water sorption behavior, <i>Sens. Actuators B</i> 1998, 49, 179-185.
	Potyrailo, R. A.; Hobbs, S. E.; Hieftje, G. M., Optical waveguide sensors in analytical chemistry: today's instrumentation, applications and future development trends, <i>Fresenius' J. Anal. Chem.</i> 1998, 362, 349-373.
	Hierlemann, A.; Schweizer-Berberich, M.; Weimar, U.; Kraus, G.; Pfau, A.; Göpel, W. In <i>Sensors Update, Vol. 2</i> ; H. Baltes; W. Göpel and J. Hesse, Ed.; VCH: Weinheim, 1996; pp 119-180,
	Semancik, S.; Cavicchi, R., Kinetically controlled chemical sensing using micromachined structures, <i>Acc. Chem. Rev.</i> 1998, 31, 279-287.

EXAMINER

Adam Marschel

DATE CONSIDERED

9-26-04

*Examiner: Initial if referenced considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office-- US DEPARTMENT OF COMMERCE

Form PTO-FB A820

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. RD-28,490	Serial No. Unassigned 10/074,544
	Applicant(s): Potyrailo, Radislov et al	
	Filing Date Herewith	Group Unassigned 1631

U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AM ↓ ✓	6,093,308	07/25/2000	Lewis et al.	205	787	02/26/1999
	US 6,170,318B1	01/09/2001	Lewis	73	23.24	10/30/1998
	US 6,182,499B1	02/06/2001	McFarland et al.	73	24.06	10/08/1997
	US6,290,911B1	09/18/2001	Lewis et al.	422	82.02	06/29/1998
	US6,319,724B1	11/20/2001	Lewis et al.	436	149	06/17/1999
	US6,331,244B1	12/18/2001	Lewis et al.	205	777.5	01/06/2000
	US6,336,353	1/8/02	Matsiev et al.	73	24.06	

FOREIGN PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)
AM	Dickinson, T. A.; Walt, D. R.; White, J.; Kauer, J. S., Generating sensor diversity through combinatorial polymer synthesis, <i>Anal. Chem.</i> 1997, 69, 3413-3418.
↓	Penza, M.; Anisimkin, V. I.; Maximov, S. A.; Vasanelli, L., Selective gas detection using uncoated SAW delay lines, <i>Sens. Actuators B</i> 1997, 42, 103-107.
↓	Chung, R.; McGill, R. A., Performance of a polymer coated SAW device under pulse excitation, 634-638, <i>IEEE International Frequency Control Symposium</i> (1998).
✓	Nakata, S.; Takitani, R.; Hirata, Y., Discrimination of glucose from its interferences using an amperometric sensor based on electrochemical nonlinearity, <i>Anal. Chem.</i> 1998, 70, 4304-4308.

EXAMINER Aidin Manschel	DATE CONSIDERED 9-26-04
*Examiner: Initial if referenced considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Patent and Trademark Office-- US DEPARTMENT OF COMMERCE Form PTO-FB A820	

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. RD-28,490	Serial No. Unassigned 10/074,544
	Applicant(s): Potyrailo, Radislov et al	
	Filing Date Herewith	Group Unassigned 1631

U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner * Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)
DM	Price, G. J.; Buley, J. M., Measurement of dissolution kinetics of thin polymer films, In <i>Radiation Curing of Polymers II</i> ; D. R. Randell, Ed.; The Royal Society of Chemistry: Bristol, England, 1991; pp 416-429.
↓	Gaeglitz, G., Optical sensor arrays based on micotiterplate dimensions, <i>Mikrochim. Acta</i> 1999, 131, 9-17.
↓	Brecht, A.; Burckardt, R.; Rickert, J.; Stemmler, I.; Schuetz, A.; Fischer, S.; Friedrich, T.; Gaeglitz, G.; Goepel, W., Transducer-based approached for parallel binding assays, <i>J. Biomolecular Screening</i> 1996, 1, 191-201.

EXAMINER Adam Marschel	DATE CONSIDERED 9-26-04
*Examiner: Initial if referenced considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-FB A820

Patent and Trademark Office-- US DEPARTMENT OF COMMERCE

Form PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. RD-28,490	Serial No. Unassigned 10/074,544
	Applicant(s): Potyrailo, Radislov et al	
	Filing Date Herewith	Group Unassigned 1631

U.S. PATENT DOCUMENTS

Examiner * Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner * Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

Examiner * Initial	Title/Author/Publisher/Year Published/Page(s)
AM	Nakata, S.; Akakabe, S.; Nakasuji, M.; Yoshikawa, K., Gas sensing based on a nonlinear response: discrimination between hydrocarbons and quantification of individual components in a gas mixture, <i>Anal. Chem.</i> , 1996, 68, 2067-2072.
↓	Thompson, M.; Stone, D. C., <i>Surface-Launched Acoustic Wave Sensors: Chremical Sensing and Thin-Film Characterization</i> ; Wiley: New York, NY, 1997, pp 196.
↓	Jon M. Sutter and Peter C. Jurs, Neural Network Classification and Quantification of Organic Vapors Based on Fluorescence Data from a Fiber-Optic Sensor Array, <i>Anal. Chem.</i> 1997, 69, 856-862.
↓	Stephen R. Johnson, Jon M. Sutter, Heidi L. Engelhardt, and Peter C. Jurs, Joel White and John S. Kauer, Todd A. Dickinson and David R. Walt, Identification of Multiple Analytes Using an Optical Sensor Array and Pattern Recognition Neural Networks, <i>Anal. Chem.</i> 1997, 69, 4641-4648.

EXAMINER Ardin Marcher	DATE CONSIDERED 9-26-04
*Examiner: Initial if referenced considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO-FB A820	

Patent and Trademark Office-- US DEPARTMENT OF COMMERCE